



PRAGATI ENGINEERING COLLEGE(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING

Approved By AICTE., Affiliated to JNTUK, Accredited By NAAC
1-378, ADB Road, Surampalem, East Godavari District, Andhra Pradesh, India-533437

KINETIC CHRONICLES-2021

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Tel: 08852-252233,34



PREFACE

The magazine is a yearly magazine published by the department of mechanical engineering. In this edition poems from students, research papers from the faculty and articles on latest technological advancement are included. In addition to it magazine also provides space for the inclusion of various technical and cultural activities happened in the department during one year.

This edition was far more crucially scrutinized and checked by some of the best faculties not of this department but also from the college.

Hope this magazine becomes the reflection of mechanical department and will cater all the needs of readers.

Thank you!

Dr. BSV. RAMA RAO

HOD -Department of Mechanical Engineering



MESSAGE FROM CHAIRMAN

I am proud to announce the release of Magazine's issue. The magazine signifies the writer's penmanship and also allows them to share their ideas. I acknowledge the efforts of students and staff of Mechanical department who have taken the initiative to promote the writing and publishing skills of the students.

Students and staff achievements have also been presented which will be a motivational factor for the other students to achieve the standard of excellence. Glad to say that we have achieved our aim of turning this into reality. I would like to congratulate all the students, teachers, alumni and everyone involved in bringing out its edition.

Wishing everyone loads of success and bright future.

Dr. P. KRISHNA RAO
(CHAIRMAN)



MESSAGE FROM DIRECTOR

It is a great pleasure and I feel honoured to be a part of the magazine of Department of Mechanical Engineering. This is one of the strongest departments of Pragati Engineering College (AUTONOMOUS).

Students have shown tremendous potential not only in academics but also in co-curricular and extracurricular activities. Students were also encouraged to present the paper in different domains of Mechanical Engineering.

I heartily congratulate all faculties, students and staff for their hard work in publishing magazine that will represent the insight of Mechanical department.

Wishing them best of luck!

Sri M.V. HARANATHA BABU
(DIRECTOR-MANAGEMENT)



MESSAGE FROM DIRECTOR

This helps the students to share and express their ideas in an articulate manner.

Students are showing commendable performance in GRE, CET-MBA and GATE examinations, which can be compared with any other institution in India. For overall personality development apart from academic, co-curricular and extra-curricular is the need of the hour. Students are encouraged to participate in inter and intra-college competition. All these activities help them in getting jobs in reputed companies. They are also admitted in institution of high repute for higher studies in India and abroad.

I congratulate all faculties, students and staff for their hard work in publishing magazine that will represent the insight of Mechanical department.

Sri Dr. G. RAGHURAM
(DIRECTOR-ACADEMICS)



MESSAGE FROM VICE PRESIDENT

It gives me immense pleasure to present the magazine of the Department of Mechanical Engineering. It is the talent and outcome of our students which is reflected through this. This is one of the best platforms for our students to present multifaceted personalities and innovative ideas. I take this opportunity to thank our respected Principal- Dr. S. Sambhu prasad, Dean Administration- Dr. G. NARESH, HOD- Dr. P. KUMAR BABU and all the faculty members for their incessant inspiration and kind support.

I believe that this edition, will prove to be a success. I express my heartfelt gratitude to the editorial committee for their relentless efforts, the young writers for their valuable articles and all those who have been a part of this magazine.

I wish a grand success.

Sri M. SATISH
(VICE-PRESIDENT)



MESSAGE FROM PRINCIPAL

I feel great pleasure to present magazine of our department of mechanical engineering. "Success comes to those who work hard and stays with those, who don't rest on the laurels of the past."

The world today is changing at such an accelerated rate and we need to pause and reflect on this entire system of Education. I am pleased to note that the increasing number of universities ranks every year speak the excellent quality of education being imparted in our institution.

Each issue of our college magazine is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations. It unleashes a wide spectrum of creative skills ranging from writing to editing and even in designing the magazine.

I congratulate the entire editorial team for their effort in bringing out this magazine in a very innovative way.

Dr. S. SAMBHU PRASAD
(PRINCIPAL)



MESSAGE FROM HEAD OF THE DEPARTMENT

I am pleased to know that our students are successful in bringing their issue of magazine for this academic year 2019-20, the departmental magazine has the prime objective of providing aspiring engineers a wide platform to showcase their technical knowledge and to pen down innovative ideas.

This magazine is intended to bring out the hidden literary talents in the students and teachers to inculcate strong technical skills among them.

I congratulate and thank all the students and faculty coordinator who have made untiring efforts to bring out this magazine. I wish them all the very best for releasing more such magazines in future.

Dr. B.S.V. RAMA RAO

(HEAD OF THE DEPARTMENT)

ABOUT PRAGATI:

PRAGATI ENGINEERING COLLEGE focuses on imparting skills on cutting edge technologies and shaping the students into disciplined young citizens of good character and lays emphasis on practical experience so as to enable them to secure employment in industry thereby to become entrepreneurs. The courses are so structured which leads to a linear growth and progressive insight into the engineering subjects as well as training in soft skills. Since inception in 2001, in its quest to offer quality education, our college has become a temple of knowledge and produced hundreds of eminent and skill full graduate engineers, who are successful in their careers, serving all over the world.

“Education is to Inspire, not to Instruct”



VISION OF THE INSTITUTE:

“To Emerge as a Premier Institution for Technical Education in the Country through Academic Excellence and to be Recognized as a Centre for Excellence in Research & Development, catering to the needs of our Country.”

MISSION OF THE INSTITUTE:

“To realize a strong Institution by consistently maintaining State-of-art-infrastructure and building a cohesive, World Class Team and provide need based Technical Education, Research and Development through enhanced Industry Interaction.”

ABOUT MECHANICAL DEPARTMENT:

Pragati Engineering College started an undergraduate (B.Tech.) program in Mechanical Engineering in the year 2004, in order to meet the educational needs of the K.G. basin. The Department of Mechanical Engineering caters to the regional and global human resource requirements. The students of this department stood as college toppers in academics. The institution is located in the industrial corridor and therefore the students and teachers of the department get benefited through Industry-Institute-Interaction.

The department is committed to strengthen the academic, research and functional abilities of the students, in order to enable them to stand as competent and versatile professionals after graduation. The department strives to enhance research activity in the department, thereby creating competent intellectual resources to the students.

The department building occupies an area of 27,500 SFT and houses well-equipped laboratories. The students participate in events and national level contests, conducted by various institutes. The members of faculty have completed sponsored research projects, amounting to a net worth of Rs. 21 lakhs, during the past three years.



Dr. S. Sambhu Prasad B.E., M.E., Ph.D. (Andhra University), Principal of the Pragati Engineering College has more than two decades of Teaching, Research and Administrative experience. He had worked as Principal of Raghu Engineering College, Visakhapatnam, AP; IACR Engineering College, Rayagada, Orissa and Roland Institute of Technology, Berhampur, Orissa previously.



Dr. B S V Ramarao B.E., M.E., M.B.A., Ph.D., is joined recently to the team pragati. He is having more than eighteen years of teaching experience. He had received Best teacher awards for three times during his career. Currently he is Head of the Department of Mechanical Engineering.

Total No. of Faculty:				56
No. of Working Faculty:				54
No. of Visiting Faculty:				2
No. of Ph.D. Completed Faculty:				6
S. NO	NAME OF COURSE	SPECIALISATION	UG/PG	INTAKE
1.	B.Tech	Mechanical	UG	240
2.	M.Tech	CAD/CAM	PG	18
No. of Curriculum Labs:				12
Skill Development Labs:				7

VISION OF THE DEPARTMENT:

To be a globally renowned school of mechanical engineering in transforming individuals into professional engineers with world class competency and state-of-the-art research to fulfil the technological needs of the society.

MISSION OF THE DEPARTMENT:

The department of mechanical engineering strives.

M1: To prepare, educate and guide students by the faculty from all domains of mechanical engineering in enhancing their skills.

M2: To establish and utilize world class resources and infrastructure to impart quality education and promote Research aptitude among faculty and students to pursue higher education in diverse fields.

M3: To explore the students' knowledge gradually through industrial interaction for increasing their placement potential to fulfil the basic needs of the society with ethical and social responsibility.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS):

PEO-1: To prepare graduates with sound technical knowledge in the domain of mechanical engineering and allied disciplines contributing to society through interdisciplinary expertise.

PEO-2: To strengthen core competence of graduates by enhancing their self-learning abilities throughout their professional career as well as to pursue higher education.

PEO-3: To produce graduates with ability to explore their artistry in emerging areas of mechanical engineering flourishing their leadership qualities pertaining to ethical innovation with social responsibility.

PROGRAM OUTCOMES (POS):

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12. Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOS):

PSO 1: To solve engineering problems through delineation and perusal relating to mechanical systems and other allied engineering streams with / without advanced software tools.

PSO 2: To work solitary / array in developing core and multidisciplinary concepts for effective utilization of resources ensuring the best practices in the relevant.

POST GRADUATES PROGRAM:

Masters of technology in CAD/CAM is a two-year postgraduate program CAD stands for Computer Aided Design and CAM stands for Computer Aided Manufacturing. CAD/CAM applications are used to both design a product and programme manufacturing processes masters of technology in CAD/CAM provides knowledge and skill development in applying computer and scientific principles related to solve engineering problems.

PROGRAMME EDUCATIONAL OBJECTIVES:

PEO 1: Excel in career with professional knowledge and skills in the specialized area of Computer Aided Design and Manufacturing.

PEO 2: Demonstrate problem solving skills in industry, society in a broader perspective and be successful in teaching and research.

PROGRAM OUTCOMES:

PO 1: To provide fundamental and advanced knowledge and expertise to analyze complex engineering problems and synthesize independently

PO 2: To practice mechanical engineering in support of the design of engineering systems through the application of the acquired knowledge, skills, and tools pertinent to mechanical engineering.

PO 3: To promote independent and collaborative work, while demonstrating the professional and ethical responsibilities of the engineering profession.

PROGRAM SPECIFIC OUTCOMES:

PSO: To conduct research individually or teams to generate scientific technological knowledge in CAD/CAM.

The Department is headed by **Prof. Dr. B.S.V. Rama Rao**. The members of faculty continuously upgrade their knowledge, skills, and educational qualifications. The members of faculty execute research projects with funding from national and international level sources, and disseminate research by presenting/ publishing in National/ International Seminars, Conferences, and Journals, creating intellectual resource. The academicians impart their knowledge to the students through effective classroom teaching, summer/ special training, guiding industry-oriented projects, and helping students to present papers in student paper contests and national conferences. The academicians invite advanced inquiry from the students.

The teachers conduct Industrial Training Programs in order to benefit the students as well as the industry personnel. The teachers utilize the audio-visual equipment for effective communication, wherever applicable. The technicians cater to the institutional fabrication/ machining/ maintenance needs.



**“FACULTY
ACTIVITIES”**

PUBLICATIONS OF FACULTY IN AY-2020-21

S.NO	NAME OF THE FACULTY	TITLE OF THE PAPER	MONTH & YEAR	NAME OF JOURNAL	ISSN/DOI NUMBER
1.	Mr.D.J.Johnson	Performance of a Finned-Tube Evaporator Optimized for Different Mixed Refrigerants on System Efficiency	Sep-20	International journal of analytical and experimental modal analysis	0886-9367
	Mr.M. Rambabu				
2.	Dr.R.Dharmalingam	Structural and Suitability Analysis of Aluminium Metal Matrix Composites for IC Engine Mountings	Oct-20	Materials today	10.1016/j.matpr.2020.07.145
3.	Mr.A.Phani Bhaskar	study on conceptual design and shape optimisation of pintle nozzle of a rocket	Oct-20	i managers journal of mechanical Engineering	DOI:10.26634/jme.10.3.17480
4.	Mr.G.Nagarjuna varma	Cfd Analysis of Fe ₃ o ₄ Nanofluid Flow in An Elliptical Tube Inside A Circular Tube with Inserts	Nov-20	International journal of analytical and experimental modal analysis	0886-9367
	Mr.J.Suresh				
5.	Dr.S.Sambhu Prasad	Design,fabrication and testing of 3D printing models of flexure mechanism	Nov-20	International Journal Research	2236-6124
	Mrs.Anusha Srikanta				
6.	Dharmalingam R	Types of Batteries used in Electric Vehicles	Nov-20	Journal of Current Trends in Electrical Engineering	Volume 5 Issue 3, page 1-11
7.	Dr.BSV.Rama rao	Determination of input set through Multi objective optimisation of pmedm output parameters using modified topics.	Nov-20	i managers journal of mechanical Engineering	2347-2235

S.NO	NAME OF THE FACULTY	TITLE OF THE PAPER	MONTH & YEAR	NAME OF JOURNAL	ISSN/DOI NUMBER
8.	Dr.G.Satish	Biodiesel production from low-grade oil using heterogeneous catalyst: An optimization and Modelling	Nov-20	Australian Journal of Mechanical Engineering	https://doi.org/10.1080/14484846.2020.1842298
9.	Dr.BSV.Ramarao	Identification of better set of values for input parameter through Multi objective optimisation	Dec-20	Journal of Research in Mechanical engineering and applied mechanics	Volume 5 Issue 3, page 1-13
10.	Mr. V.V.N .Sarath	Thermal Analysis on Glass-Fiber Reinforced Polymer Composite Rebars	Dec-20	International journal of analytical and experimental modal analysis	0886-9367
	Mr. A. Udaya Bhaskar				
11.	Mr.Avinash G	Influence of RHA reinforcements on mechanical and wear behavior of AI 4032 composites	Dec-20	Emerging Materials Research	1237-1249
	Dr.S.Sambhu Prasad				
	Dr.D.Lingaraju				

MONOGRAPH PUBLICATIONS OF FACULTY IN AY-2020-21

1. Dr. G. Satish published a monograph entitled on “Flow Behavior of Elbow with Various Geometries of Nozzle”, Scholar’s Press, ISBN: 978-613-8-83672-8, July 2019.
2. Mr. A. Phani Bhaskar published a monograph entitled on “Comparative study of different pipe geometries using CFD”, LAMBERT Publications, 2020.
3. Mr.SK. Khaleel Pasha published a monograph entitled on “CFD ANALYSIS OF FIN & TUBE INTERCOOLER WITH DIFFERENT FIN MODELS”, Scholar’s Press, ISBN: 978-613-8-94677-9, December-2020.
4. Mr.SK. Khaleel Pasha published a monograph entitled on “EXPERIMENTAL INVESTIGATION OF GLASS FIBRE ORIENTED REINFORCED POLYMER LAMINATES”, Scholar’s Press, ISBN: 978-613-8-94447-8, November-2020.

FACULTY DEVELOPMENT PROGRAMMES IN THE AY-2020-21

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
1.	Dr.B.S.V.Ramarao	Developing Thinking Abilities Relevant for Engineering Education	FACE	1
2.	Mr.A.Phani Bhaskar	Practical aspects of FEM using ABAQUS	APSSDC	7
3.	Mr.D.J.Johnson			
4.	Mr. Shaik. Khaleel Pasha			
5.	Dr.R.Dharmalingam	Digital image processing using MAT LAB	Skill to Hire	4
6.	Mr.D.J.Johnson			
7.	Dr.B.S.V.Ramarao			
8.	Mr.A.Phani Bhaskar			
9.	Mr. Shaik. Khaleel Pasha			
10.	Mr.A. Yeswanth			
11.	Mr.G.Avinash	Developing Thinking Abilities Relevant for Engineering Education	ThinQ FACE	1
12.	Mr.D.J.Johnson			
13.	Ms.M.Amrutha			
14.	Mr.S.Srikanth	Developing Thinking Abilities Relevant for Engineering Education	ThinQ FACE	1
15.	Mr. Shaik. Khaleel Pasha			
16.	Mr.S.Srikanth	Design for Engineering Simulation	FDP under ATAL on Ansys Webinar	1
17.	Mr.M.Sunil Raj			
18.	Mr.M.Sunil Raj	Design for Additive manufacturing	FDP under ATAL on Ansys Webinar	1
19.	Mr.S.Srikanth			1
20.	Dr.B.S.V.Ramarao	Automotive structures design using CATIA	APSSDC	3
21.	Mr. Shaik. Khaleel Pasha			
22.	Mr.S.Srikanth	Materials Engineering	FDP under ATAL on Ansys Webinar	1

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
23.	Mr.S.Srikanth	Research Challenges and Opportunities Post COVID-19 (RECOP – 2020)	Research & Development Cell and MHRDs SVEC Institutions Innovation Council of "Sri Vasavi Engineering College (AUTONOMOUS)", Tadepalligudem,	1
24.	Mr.M.Sunil Raj	Materials Engineering	FDP under ATAL on Ansys Webinar	1
25.	Mr.S.Srikanth	RESEARCH METHODOLOGY: METHODS & BEST PRACTICES	SANTHIRAM ENGINEERING COLLEGE, NANDYAL	1
26.	Mr.J.Suresh	RESEARCH SCOPES IN MECHANICAL SCIENCE	CIT	1
27.	Mr.V.V.N Sarath	Data Sciences	KNIT Sultanpur & MNNIT Allahabad, Prayagraj.	5
28.	Ms.M.Amrutha	Research challenges and opportunities post covid-19 (RECOP 2020)	Sri Vasavi Engineering college (Autonomous), AP	6
29.	Mr.G.Avinash	One-week online FDP, RECOP 2020 by R&D cell and SVEC IIC	SVEC	6
30.	Mr.GVN Santhosh	Engineering and management teaching pedagogy- an industry perspective	Sri Sai Ram Institute of Technology	6
31.	Mr. Shaik. Khaleel Pasha			
32.	Mrs.k.Aravinda			

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
33.	Mr.S.Srikanth	Online Teaching Etiquette & Best Practices	SANTHIRAM ENGINEERING COLLEGE	6
34.	Mr.J.Suresh	RESEARCH SCOPES IN COMPOSITE MATERIAL	CIT	1
35.	Mr.J.Suresh	BASICS OF MACHINING	5	1
36.	Dr.B.S.V.Ramarao	FDP Outcome Based Education Software	vmedulife	1
37.	M.Amrutha			
38.	Dr.R.Dharmalingam			
39.	Mr.D.J.Johnson	Universal human values and professional	Chebrolu Engineering college	5
40.	Mr.A.Phani Bhaskar	OUTCOME BASED EDUCATION	VMEDULIFE	1
41.	Mr.A. Yeswanth	NOVAL MATERIALS IN INDUSTRIAL APPLICATIONS	Karpagam college of engineering, Coimbatore	6
42.	Dr.R.Dharmalingam			
43.	Ms.M.Amrutha			
44.	Mr. Shaik. Khaleel Pasha			
45.	Mr.D.J.Johnson			
46.	Mr.G.Avinash			
47.	Mr.V.V.N Sarath			
48.	Mr.A.Phani Bhaskar	GREEN MANUFACTURING : THE PRESENT & THE FUTURE	Santhiram Engineering College, Nandyal	5
49.	Mr.N.Raghuveer	GREEN MANUFACUTRING	RAGHU ENGINEERING COLLEGE	6
50.	Mr.J.Suresh	FUNDAMENTALS OF HEAT TRANSFER AND FLUID MECHANICS	CIT	1
51.	Mr.GVN Santhosh	Modelling and Optimization Techniques for Materials and Manufacturing Processes	Lakireddy Balireddy College of Engineering Mylavaram	5

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
52.	Mr.D.J.Johnson	Recent trends in research methodology	Bhimavaram institute of engineering & technology	3
53.	Ms.M.Amrutha			
54.	Mr.G.Avinash			
55.	Mr.J.Suresh			
56.	Mr.G.Avinash	Quality Research Proposals and Papers	International School of Management, Patna (Bihar)	1
57.	Dr.B.S.V.Ramarao	Faculty Development Program (FDP) on Design for Manufacturing and Assembly (DfMA)	APSSDC	3
58.	Mr. Shaik. Khaleel Pasha			
59.	Mr. Shaik. Khaleel Pasha	RECENT ADVANCEMENTS IN MECHANICAL ENGINEERING	Dr. N.G.P Institute of Technology	3
60.	Mr. Shaik. Khaleel Pasha	Materials for Thermal and Renewable Energy Research	Sri Sai Ram Institute of Technology	5
61.	Mr.M.Rambabu	Recent Advances in Material Characterization	NITT&R,	5
62.	Mrs.S.Hemani			
63.	Ms.M.Amrutha	Engineering thermodynamics essentials	Sri venkateswara college of engineering, tamil nadu	5
64.	Ms.M.Amrutha	Recent Trends in Quality and Testing of Weldments	Godavari Institute of Engineering & Technology {Autonomous}, Rajamahendravaram, Andhra Pradesh	2
65.	Mr.G.Avinash			
66.	Mr.A.Phani Bhaskar			
67.	Mr.P.Ramprasad			
68.	A.PHANI BHASKAR	FUTURE AUTOMOTIVE INDUSTRY AND CHALLENGES	Vel Tech Rangarajan Dr. Sagunthala ENGINEERING COLLEGE	1

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
69.	Mr.A.Phani Bhaskar	ADDITIVE MANUFACTURING : THE RESEARCH SCOPES & FUTURE TRENDS	Santhiram Engineering College, Nandyal	6
70.	Mr.D.J.Johnson	CFD simulation of thermal management	Vel Tech Rangarajan Dr. Sagunthala ENGINEE RING COLLEGE	1
71.	Mr.A.Phani Bhaskar	VEL TECH HIGH TECH	CFD SIMULATI ON OF THERMAL MANAGE MENT OF BATTERIE S AND CONVERT ERS	1
72.	Mr.D.J.Johnson	Need for an IP equipped ECO system n future	IP curate labs and swanandra college of Engineering	5
73.	Mr.A.Phani Bhaskar	EMERGING TECHNOLOGIES IN ROBOTICS	MALLA REDDY COLLEGE OF ENGINEE RING	5
74.	Mr.GVN Santhosh			
75.	Mr. Shaik. Khaleel Pasha			
76.	Mrs.k.Aravinda			
77.	Mr. Shaik. Khaleel Pasha	INTELLIGENT ROBOTICS & MACHINE VISION CONTROL TECHNIQUES	ISTE - SSIT & Department of Mechanical Engineering	6
78.	Mr.J.Suresh	Recent Trends in Research Methodology	BHIMAVA RAM INSTITUT E OF ENGINEE RING & TECHNOL OGY	3

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
79.	Mr. Shaik. Khaleel Pasha	Ethical Practices in Engineering	Sri Sai Ram Institute of Technology	6
80.	Mr.A.Phani Bhaskar			
81.	Ms.M.Amrutha	Research among youth	Vardhaman college of engineering	6
82.	Mr.G.Avinash			
83.	Dr.B.S.V.Ramarao	one day online workshop titled Machine Learning for Remote Sensing Data Classification	IRS	1
84.	Dr G Satish	Advanced Manufacturing Enterprise in Digital Era	AITAM, Tekkali	5
85.	Mr.M.Rambabu			
86.	Mrs.S.Hemani			
87.	Dr G Satish	Noval Materials in Engineering	Raghu Engineering College, Vizag	2
88.	Mr.A.Udaya Bhaskar			
89.	Mr.V.V.N Sarath	Development Program on Purely the Fundamentals of Mechanical Engineering	Chennai Institute of Technology kundrathur Chennai.	5
90.	Mrs.B.Anusha Srikanta	Digital Engineering of Aerospace	APSSDC	5
91.	Mr. Shaik. Khaleel Pasha			5
92.	Mr.A. Yeswanth	One week FDP on purely fundamentals of Mechanical Engineering	CIT, Chennai	5
93.	Mr.GVN Santhosh	Advancements in phase change material based thermal and renewable energy technologies	Lakireddy Balireddy College of Engineering , Mylavaram	5
94.	Mr.G.Avinash			
95.	Mr.N.Raghuveer			
96.	Mr. Shaik. Khaleel Pasha	Fuel Cell Technology and its Applications	SVR ENGINEERING COLLEGE	1
97.	Mrs.k.Aravinda	Emerging trends in Mechanical engineering	St peters college of engineering	5
98.	Mr.N.Raghuveer	RECENT REVOLUTIONS IN MECHANICAL ENGINEERING	J.B. INSTITUTE	5

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
99.	Mrs.B.Anusha Srikanta	REAL TIME APPLICATIONS OF CAD/CAM AND SYSTEMS ENGINEERING IN INDUSTRY	SWARNA NDRA	3
100.	Mrs.B.Anusha Srikanta	Ethical Practices in Engineering	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	5
101.	Mr.G.Avinash			
102.	Mr.V.Naga babu	MATLAB and simulink in engineering education	APSSDC	2
103.	Mr. Shaik. Khaleel Pasha	Automotive Interior Design	APSSDC	5
104.	Mr.GVN Santhosh	Solid Edge	APSSDC	12
105.	Mr. Shaik. Khaleel Pasha	DISRUPTIVE TECHNOLOGIES IN MECHANICAL ENGINEERING	SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY	6
106.	Mr.A.Udaya Bhaskar	PYTHON 3.4.3	pragati engineering college	6
107.	Mr. Shaik. Khaleel Pasha	Mechanical Behavior of Composite and Bio Materials	Andhra Loyola Institute of Engineering & Technology , Vijayawada , Andhra Pradesh	3
108.	Mr.N.Raghuveer	MATERIAL MANUFACTURING AND MACHINING PROCESSES	RAGHU ENGINEERING COLLEGE	5

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
109.	Mr.V.Naga babu	RECENT ADVANCES IN MECHANICAL ENGINEERING	S V COLLEGE OF ENGINEERING	2
110.	Mr. Shaik. Khaleel Pasha			
111.	Ms.M.Amrutha			
112.	Mr.V.V.N Sarath			
113.	Mr.G.Avinash			
114.	Mr.A. Yeswanth	Moodle Learning management system	JNTUH Sultanpur	5
115.	Mr.D.J.Johnson	Potential research areas in mechanical engineering	vignan institute of Technology	6
116.	Ms.M.Amrutha	Research Trends in Mechanical Engineering	GEC , Gudlavalluru	6
117.	Mr. Shaik. Khaleel Pasha			
118.	Mr.G.Avinash			
119.	Mr.J.Suresh			
120.	Mr. Shaik. Khaleel Pasha	HEAT TRANSFER AND COMPUTATIONAL FLUID DYNAMICS TOWARDS INDUSTRY APPLICATIONS	Sri Sai Ram Institute of Technology	7
121.	Ms.M.Amrutha	System Engineering	APSSDC	5
122.	Mr. Shaik. Khaleel Pasha			
123.	Mr.G.Avinash			
124.	Ms.P.Gayatri			
125.	Mr.P.Ramprasad			
126.	Mr.M.Sunil Raj	APSSDC-System Design	APSSDC	5
127.	Mr.A.Phani Bhaskar	COMPUTATIONAL FLUID DYNAMICS	BHARATIYA VIJNANA MANDALI	3
128.	Mr.V.V.N Sarath			
129.	Mr.A.Yeswanth			
130.	Mr.N.Raghuveer			
131.	Mr.J.Suresh	Recent trends in Mechanical Engineering	Gudlavalluru Engineering college	6
132.	Mr.N.Raghuveer	ADVANCED DESIGN OF MACHINE COMPONENTS	KITS WARANGAL	6

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
133.	Mr.A.Phani Bhaskar	NATIONAL LEVEL ADD ON PROGRAMME ON ANSYS WORKBENCH &CFD ANALYSIS	SANTHIRAM ENGINEERING COLLEGE: NANDYAL	14
134.	Ms.M.Amrutha	Advancements in manufacturing and optimization techniques	Jayamukhi Institute of Technological Sciences	5
135.	Mr. Shaik. Khaleel Pasha			
136.	Mr.G.Avinash			
137.	Mr.V.Naga babu			
138.	Mr.P.Ramprasad			
139.	Ms.Deeprani katta			
140.	Ms. U.Chaitanya Vardhini			
141.	Dr.R.Dharmalingam	Optimization Techniques & Tools for Mechanical Engineers	Sreenidhi Institute of Science & Technology	6
142.	Mr. Shaik. Khaleel Pasha			
143.	Mr.V.Naga babu			
144.	Mr.P.Ramprasad	interactive session on living integrally	J.B.Institute of Engineering and technology	2
145.	Mr.P.Ramprasad	Emerging Automotive Technologies	Kalasalingam academy of Research and education	6
146.	Mr.A.Phani Bhaskar	ADVANCED MATERIALS AND MANUFACTURING	KITS WARANGAL	5
147.	Mr.B.Hari krishna			
148.	Mr.V.Naga babu			
149.	Ms.M.Amrutha	Technological advancements in mechanical engineering	BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE	5
150.	Ms.V.Naga babu			
151.	Ms.V.Naga babu	Emerging Research Area in Mechanical Engineering	CMR Technical Campus Hyderabad	5
152.	Ms.M.Amrutha			

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
153.	Mrs.B.Anusha Srikanta	QGIS	PRAGATI ENGINEERING COLLEGE	6
154.	Mr.N.Raghuveer	A HANDS ON SOFTWARE TOOLS IN MECHANICAL ENGINEERING	VAAGES WARI COLLEGE OF ENGINEERING	6
155.	Mr.A.Phani Bhaskar	RECENT TRENDS IN MECHATRONICS AND AUTOMATION	NBN SINHGAD SCHOLL OF ENGINEERING,PUNE	5
156.	Mr.A. Yeswanth	7 days Online Faculty Development Programme on Advanced Manufacturing Technology	Karpagam college of Engineering	7
157.	Mr.V.V.N Sarath			
158.	Mr.GVN Santhosh	Machine learning with deployment	Sri Vasavi Engineering College, Tadepalligudem	3
159.	Mrs.B.Anusha Srikanta	RESEARCH METHADODOLOGY AND TECHNIQUES	SANDIP INSTITUT E OF TECHNOLOGY AND RESEARC H CENTRE	3
160.	Dr.B.S.V.Ramarao	Recent Advances in Mechanical Engineering : A Research Perspective	MGIT	5
161.	Mr.A.Phani Bhaskar			
162.	Mr.M.V.V.Siva Krishna			
163.	Mr.N.Raghuveer	RECENT ADVANCES IN MECHANICAL ENGINEERING A RESEARCH PRESPECTIVE	MAHATM A GANDI ENGINEERING COLLEGE	5
164.	M.Amrutha	Fundamentals of Computational Fluid Dynamics and Numerical Simulation of Fluid Flows and Heat Transfer	Govt college of technology, Coimbatore r & NIT-AP	5

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
165.	Mr. V. V. N Sarath	Nanomaterial Synthesis, Process, Characterization and its Functional Applications	Hindusthan College of Engineering and Technology	6
166.	Mr. Shaik. Khaleel Pasha			
167.	Ms. M. Amrutha			
168.	Mr. V. Naga babu			
169.	Mrs. k. Aravinda			
170.	Mr. Shaik. Khaleel Pasha	Mathematical Aspects of Fluid Dynamics	Sardar Vallabhbhai Patel Institute of Technology Vasad	6
171.	Mr. GVN Santhosh			
172.	Mr. N. Raghuv eer			
173.	Ms. M. Amrutha	Advancements in mechanical engineering	GATES institute of technology	6
174.	Mr. V. Naga babu			
175.	Mr. A. Phani Bhaskar			
176.	Mr. A. Phani Bhaskar	RECENT DEVELOPMENTS IN MECHANICAL ENGINEERING (RDME-2020)"	KAKATIY A INSTITUT E OF TECHNOL OGY & SCIENCE	5
177.	Mr. N. Raghuv eer			
178.	Dr. B. S. V. Ramarao	FDP on quality education through OBE	VARDHA MAN COLLEGE OF ENGINEE RING	5
179.	Mr. V. Naga babu			
180.	Ms. M. Amrutha			
181.	Mrs. S. Swetha Radha			
182.	Mr. Shaik. Khaleel Pasha			
183.	Mr. J. Suresh	RESERCH INNOVATION IN MECHANICAL ENGINEERING	SASI	5
184.	Mr. V. Naga babu			
185.	Mr. A. Phani Bhaskar			
186.	Dr G Satish			
187.	Dr. R. Dharmalingam			
188.	Mr. GVN Santhosh			
189.	Ms. M. Amrutha			
190.	Mr. D. J. Johnson			
191.	Mr. G. Avinash			
192.	Mr. P. Ramprasad			
193.	Mr. J. Suresh			
194.	Mrs. B. Anusha Srikanta			
195.	Mr. N. Raghuv eer			
196.	Mr. A. Udaya Bhaskar			
197.	Mr. Sk. Khaleel Pasha			

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
198.	Dr.B.S.V.Ramarao	Online FDP on Research Innovations in Mechanical Engineering	SASI	1
199.	Mrs.B.Anusha Srikanta	OUTCOME BASED EDUCATION	SR INSTITUTE OF MANAGEMENT AND TECHNOLOGY	3
200.	Dr.B.S.V.Ramarao			
201.	Mrs.B.Anusha Srikanta	EXPERTS RESEARCH IN METHADODOLOGY AND PROCESSES	TIRUMAL A ENGINEERING COLLEGE	3
202.	Mr. Shaik. Khaleel Pasha	CATIA V5 Chassis Design	APSSDC	5
203.	Mr.GVN Santhosh			
204.	Ms.P.Gayatri			
205.	Ms.M.Amrutha	Advanced Surface Design by CATIA	APSSDC	12
206.	Mr.GVN Santhosh			
207.	Mr.G.Avinash			
208.	Mr.GVN Santhosh	Product design and drafting by CATIA	APSSDC	12
209.	Mr.B.Hari krishna	PRODUCT DESIGN AND DRAFTING BY SOLID EDGE	APSSDC	12
210.	Mr. Shaik. Khaleel Pasha	ADVANCED RESEARCH TRAITS IN MATERIALS & DESIGN OF MECHANICAL SYSTEMS	VIGNAN'S UNIVERSITY	6
211.	Mrs.B.Anusha Srikanta	MECANICAL COMPONENTS DRAFTING BY AUTOCAD	APSSDC	14
212.	Ms.M.Amrutha	Sustaining Academics: The Role of Teacher's in Tackling Post COVID - 19	Mother Theresa College of Engineering and Technology	2

INTERNAL FACULTY DEVELOPMENT PROGRAMMES IN THE AY-2020-21

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
1.	Dr. S. Sambhu Prasad	Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies	Pragati Engineering College	5
2.	Dr. Boda surya venkata Ramarao			
3.	Dr. M.Lakshmi Chaitanya			
4.	Dr. G. Satish			
5.	Dr.Ch.Rajesh			
6.	Dr. R.Dharmalingam			
7.	Mr. G. Avinash			
8.	Mr. D.J.Johnson			
9.	Mr. M.Sunil Raj			
10.	Mr. S.Srikanth			
11.	Mrs. K.Aravinda			
12.	Mr. G.V.N.Santhosh			
13.	Mrs. B.Anusha Srikanta			
14.	Mrs. S.Swetha Radha			
15.	Mr. G .Nagarjuna Varma			
16.	Mr. A. Uday Bhaskar			
17.	Mr. N. Raghuv eer			
18.	Mr. V.V.N.Sarath			
19.	Mrs. K.Deep Rani			
20.	Mr. P. Ram Prasad			
21.	Mr. A. Phani Bhaskar			
22.	Mrs. P. Gayathri			
23.	Ms. M. Amrutha			
24.	Ms. U.Chaitanya Vardhini			
25.	Mr. P. Srinivasa Rao			
26.	Mr.A.Yeswanth			
27.	Mr.M.V.V.Siva Krishna			
28.	Mr. V. Nagababu			
29.	Mr. M. Rambabu			
30.	Mr. J. Suresh			
31.	Mr. Sk.Khaleel Pasha			
32.	Ms. B.Siva Naga Ramya			
33.	Ms. K. Tulasi			
34.	Mr. S. Anjaneyulu			
35.	Mrs. S. Hemani			
36.	Mr. B. Hari Krishna			
37.	Mr. K. Lakshmi Sai Kishore			
38.	Mr. P. Chinna			
39.	Mr. Anil Kumar Karri			
40.	Mr. Ch. Vinay Dileep			

S.No.	Name of the Faculty	FDP Name	Conducted by	Duration in days
41.	Dr. S. Sambhu Prasad	Effective research writing using Latex	PRAGATI ENGINEERING COLLEGE	6
42.	Dr. Boda Surya Venkata Ramarao			
43.	Dr. M. Lakshmi Chaitanya			
44.	Dr. G. Satish			
45.	Dr.Ch.Rajesh			
46.	Dr. R.Dharmalingam			
47.	Mr. G. Avinash			
48.	Mr. D.J.Johnson			
49.	Mr. M.Sunil Raj			
50.	Mr. S.Srikanth			
51.	Mrs. K.Aravinda			
52.	Mr. G.V.N.Santhosh			
53.	Mrs. B.Anusha Srikanta			
54.	Mrs. S.Swetha Radha			
55.	Mr. G .Nagarjuna Varma			
56.	Mr. A. Uday Bhaskar			
57.	Mr. N. Raghuveer			
58.	Mr. V.V.N.Sarath			
59.	Mrs. K.Deep Rani			
60.	Mr. P. Ram Prasad			
61.	Mr. A. Phani Bhaskar			
62.	Mrs. P. Gayathri			
63.	Ms. M. Amrutha			
64.	Ms. U.Chaitanya Vardhini			
65.	Mr. P. Srinivasa Rao			
66.	Mr.A.Yeswanth			
67.	Mr.M.V.V.Siva Krishna			
68.	Mr. V. Nagababu			
69.	Mr. M. Rambabu			
70.	Mr. J. Suresh			
71.	Mr. Sk.Khaleel Pasha			
72.	Ms. B.Siva Naga Ramya			
73.	Ms. K. Tulasi			
74.	Mr. S. Anjaneyulu			
75.	Mrs. S. Hemani			
76.	Mr. B. Hari Krishna			
77.	Mr. K. Lakshmi Sai Kishore			
78.	Mr. P. Chinna			
79.	Mr. Anil Kumar Karri			
80.	Mr. Ch. Vinay Dileep			

FACULTY-WORKSHOP PROGRAMMES IN THE ACADEMIC YEAR-2020-21

S.NO	Name of the Faculty	Workshop Name	Conducted by	Duration
1.	Mr.V.V.N Sarath	Intellectual Property Rights	Pandit deendayal petroleum university, Gandhinagar, Gujarat	11-Apr-20
2.	Mr.V.Naga babu	intellectual property rights	eventbrite	11-Apr-20
3.	Mr.D.J.Johnson	Education 4.0	Atharva College of Engineering	28-04-2020 to 30-04-2020
4.	Mrs.B.Anusha Srikanta	Research Scopes in Mechanical Science	Chennai institute of technology.	7-May-20
5.	Dr.R.Dharmalingam			
6.	Ms.M.Amrutha			
7.	Mr.V.V.N Sarath			
8.	Mr.J.Suresh			
9.	Mr.S.Srikanth			
10.	Mr.A. Yeswanth			
11.	Mr.A.Phani Bhaskar			
12.	Mrs.B.Anusha Srikanta			
13.	Mr.J.Suresh	RESEARCH SCOPES IN COMPOSITE MATERIAL	CIT	14-May-20
14.	Mr.A.Phani Bhaskar			
15.	Mr. Shaik. Khaleel Pasha	One day online Workshop on Research scopes in mechanical science	Chennai Institute of Technology, Chennai.	07.05.2020
16.	Mr.A. Yeswanth	Fourth industrial revolution and Paradigm shift in manufacturing	KIT, Coimbatore	8-May-2020
17.	Mr. Shaik. Khaleel Pasha	Introduction to CRASH ANALYSIS	Skill-Lync	10.05.2020
18.	Mr.J.Suresh	Basics of Machining	CIT	05-15-20

S.NO	Name of the Faculty	Workshop Name	Conducted by	Duration
19.	Mr.A. Yeswanth	Fundamentals of Heat transfer & Fluid mechanics	CIT, Chennai	20-May-20
20.	Mr.V.V.N Sarath			
21.	Mr.J.Suresh			
22.	Mr.A.Phani Bhaskar			
23.	Mr.V.Naga babu			
24.	Dr.R.Dharmalingam	Writing Literature Review Article	Writing Literature Review Article	16-May-20
25.	Mr.A.Phani Bhaskar			
26.	Mr. Shaik. Khaleel Pasha	Introduction to CAD Customization	Skill-Lync	16.05.2020
27.	Mr.A.Phani Bhaskar	Additive manufacturing	SA Engineering college, Chennai	15-06-20 to 16-05-20
28.	Mr.A. Yeswanth			
29.	Mr.D.J.Johnson			
30.	Mr.S.Srikanth			
31.	Mr.V.V.N Sarath			
32.	Mr.D.J.Johnson	Awareness on industry safety during COVID19	S.A Engineering college	23-May-20
33.	Mr.V.Naga babu			
34.	Mr.A.Phani Bhaskar			
35.	Mr.A. Yeswanth	Art of writing Scientific Articles and patents	CIT, Chennai	26-05-20 to 27-05-20
36.	Mr. Shaik. Khaleel Pasha	In-depth Understanding of Value Engineering	Skill-Lync	30.05.2020
37.	Mr.A. Yeswanth	IIRS Outreach program certificate	ISRO	01-06-2020
38.	Mrs.B.Anusha Srikanta	Machine Learning for Remote Sensing Data Classification	INDIAN INSTITUTE OF REMOTE SENSING	01.06.2020
39.	Mr. Shaik. Khaleel Pasha			
40.	Mr. Shaik. Khaleel Pasha	Practical Approach Towards Structural Analysis using CAE	Skill-Lync	01.06.2020
41.	Mr. Shaik. Khaleel Pasha	Introduction to IOT	Skill-Lync	06.06.2020

S.NO	Name of the Faculty	Workshop Name	Conducted by	Duration
42.	Mr. Shaik. Khaleel Pasha	How to build a world-class amusement park as a Mechanical Engineer	Skill-Lync	15.06.2020
43.	Mr. Shaik. Khaleel Pasha	Challenges and Opportunities in FSW and Mg alloys	SA ENGINEERING COLLEGE	13.06.2020
44.	Mr. Shaik. Khaleel Pasha	CFD Preprocessing using ANSA	Skill-Lync	19.06.2020
45.	Ms.M.Amrutha	Design thinking for next industrial revolution - Industry 4.0	Arasu engineering college Kumbakonam.	22.6.2020
46.	Mr.V.V.N Sarath	Recent Advancement in Light Weight Materials	Oriental Institute of Science & Technology Bhopal (MP)	30-Jun-20



**“STUDENT
ACTIVITIES”**

NSS ACTIVITIES

- The NSS unit of our college has organized a special camp in surampalem village from 02-03-2020 to 08-03-2020. In this the students from all the branches have participated and conducted many activities like health camp, drug deaddiction awareness camp, etc.



- The NSS unit of our college have organized a special Dental camp in association with GSL Dental College & Hospital on 07-02-2020. Behalf of this, a camp for mechanical engineering and civil engineering students is organized in mechanical engineering block.



ప్రగతి ఇంజనీరింగ్ కళాశాలల ఉచితదంత వైద్య పరీక్షలు

గండేపల్లి, ఫిబ్రవరి 7, ప్రభాతవార్త

గండేపల్లి మండలం సూరంపాలెం ప్రగతి ఇంజనీరింగ్ కళాశాలలో ఎస్ఎస్ఎస్ విభాగం, జిఎస్ఎల్ డెంటల్ కళాశాల సంయుక్త ఆధ్వర్యంలో శుక్రవారం ఉచిత దంత వైద్య పరీక్షలు నిర్వహించారు. కళాశాల చైర్మన్ డా.పి.కృష్ణారావు మాట్లాడుతూ ఎస్ ఎస్ఎస్ విభాగం ఆధ్వర్యంలో ఇలాంటి కార్యక్రమాలు విద్యార్థులకు సిబ్బందికి ఉపయోగపని, దంతసమస్యలు వాటి నివారణపై అవగాహన కలుగుతుందన్నారు. జిఎస్ఎల్ డెంటల్ కళాశాల డాక్టర్లు డా.సునీల్ డా.ఎస్.హరికృష్ణంరాజు, డా.కె.మనోజ్ మాడ్వడల్, డా.ఎన్.ప్రియాంకల ఆధ్వర్యంలో మొత్తం 27మంది జూనియర్ డాక్టర్లు కలిసి 1500మందికి వివిధ పరీక్షలు నిర్వహించారు. 250మందికి డెంటల్ క్లీనింగ్ నిర్వహించారు. ప్రెస్నీ పాల్ శంభుప్రసాద్, డైరెక్టర్ ఎంపిహరనాథబాబు, వివిధవిభాగాల అధిపతులు విద్యార్థులు పాల్గొన్నారు.

- JNTUK NSS unit organized a one day conference on "DRUG DE-ADDICTION" on 30/01/2020 sponsored by national institute of social defence, Ministry of social service & empowerment, govt.of India- New Delhi. This conference is completely aimed for NSS VOLUNTEERS for getting traininAfter this, they will be in position to counsel the peoplewho were addicted by drugs



- Sri vasavi engineering college NSS unit organising a one-day conference on "DRUG DE- ADDICTION" on 29/01 /2020 by the direction of JNTUK NSS CELL, sponsored by National Institute of Social Defense. This conference is completely aimed for NSS VOLUNTEERS for getting training. After this, they will be in position to counsel the people who were addicted by drugs.



- On January 26, 2020 the NSS cadets from Pragati engineering college participated in the celebrations held in JNTUK on Sunday.



- On January 24, 2020 we the NSS cadets from Pragati engineering college have conducted a campaign on the theme of "BETI BACHAO BETI PADHAO"



NCC ACTIVITIES

- On January 26, 2020 the NCC cadets of Pragati engineering college has conducted a Parade as a part Republic Day celebrations



- On the eve of Republic day Academic awards were handed over to academic toppers



STUDENT ACHEIVEMENTS



Congratulations!

MS. PRIYA CHANDINI RAGU
(17A31A0367)

AIR 47th Rank

All India Online test conducted by
Koshi Motors and Fabrication Pvt Ltd,

PRAGATI ENGINEERING COLLEGE
An Autonomous Institution, Accredited by NAAC with "A" Grade

Congratulations

Mr. Chada Jithendra Sai Raja
(17A31A0373)

AIR 33rd rank

All India Online test conducted by
Koshi Motors and Fabrication Pvt Ltd,

PRAGATI ENGINEERING COLLEGE
An Autonomous Institution, Accredited by NAAC with "A" Grade



Congratulations!

MR. TAMARANA SURYA TEJA
(18A35A0348)

AIR 77th Rank

All India Online test conducted by
Koshi Motors and Fabrication Pvt Ltd

PRAGATI ENGINEERING COLLEGE
An Autonomous Institution, Accredited by NAAC with "A" Grade

CERTIFICATE OF MERIT

This certificate is proudly presented to

Mahboob Shaheen

For his/her meritorious accomplishment in securing 2nd prize in
Nature Portrait a competition of "World Environment Day 2020 - It's Time for Nature", conducted on June 5th, 6th, 7th 2020 organised by JIGNASA INTERFACE PVT LTD, TANA (Telugu Association of North America), in association with United Nations Environment Programme.

J. Talluri JAY TALLURI TANA President
Y. Bhargav Y Bhargav Director of JIGNASA
S. Tunuguntla SIRISHA TUNUGUNTLA TANA Women Services Coordinator

UN environment

E-BOOKS

S.No	Roll No.	Name of the student	Title of the E-book	Organized by
1.	17A31A0393	Akhil Yuvaraj Manda	Comparative Study of Different Pipe Geometries Using CFD	Lambert academic publications)
2.	17A31A0393	Akhil Yuvaraj Manda	Flow Behaviour on Aerofoils Using CFD	Scholar's press
3.	17A31A0393	Akhil Yuvaraj Manda	Heat Swap Study on Various Pipe Geometries Using	Scholar's press

STUDENT PUBLICATIONS

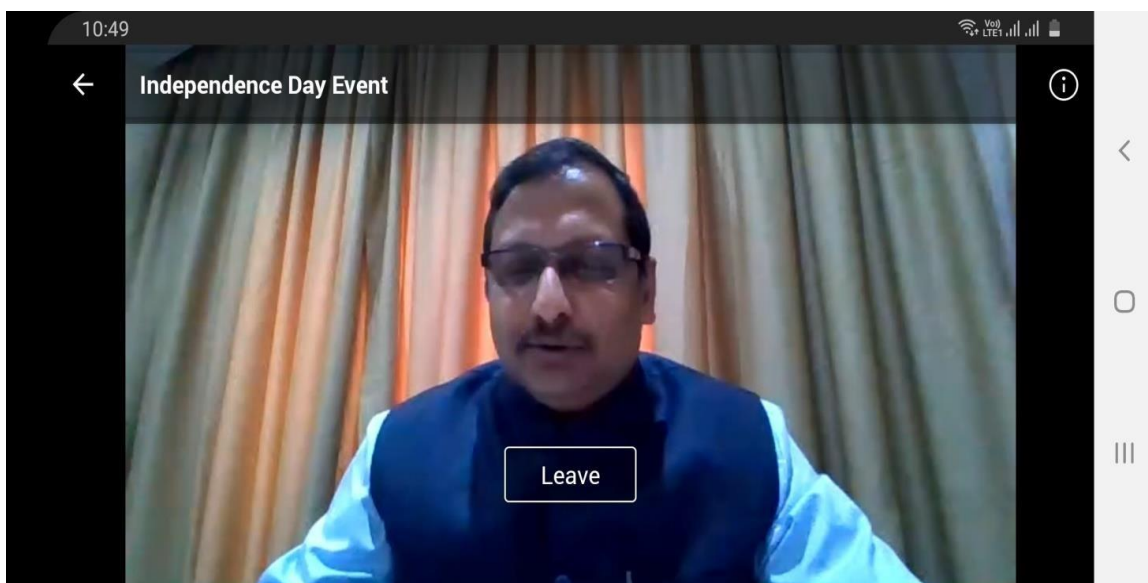
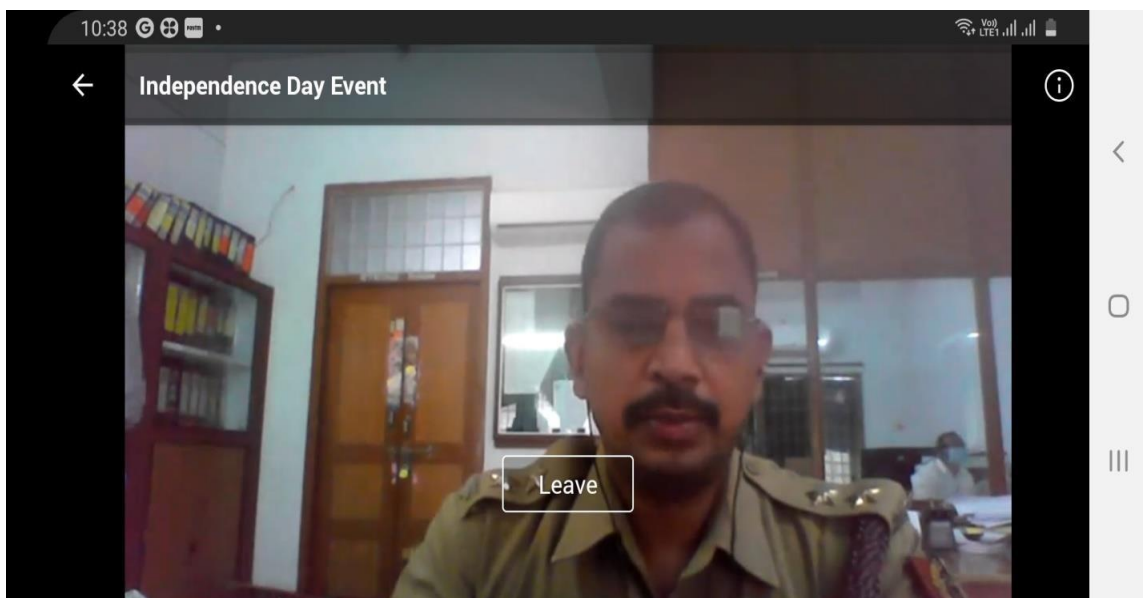
S.No	Roll No.	Name of the student	Topic	Organized by
1.	17A31A0373	Chada Jithendra Sai Raja	A Review on Use of Plastic In Construction of Roads	Scienceq Publications
2.	17A31A0373	Chada Jithendra Sai Raja	Design And Fatigue Analysisof Steering Components	IJERSTE (ER Publications) [SCOPUS indexed]
3.	17A31A0373	Chada Jithendra Sai Raja	Design and Fatigue Analysis of Leaf Springs with Different Cross Sections	International Journal of Multidisciplinary Educational Research
4.	17A31A0373	Chada Jithendra Sai Raja	Paper publication	Flow Behaviour on Aerofoils Using CFD
5.	17A31A0393	Akhil Yuvaraj Manda	Paper publication	Flow Behavior on Aerofoils Using CFD

ONLINE INTERNSHIPS

S.No	Roll No.	Name of the student	Topic	Organized by
1.	18A31A0320	Poorna Sai Edupuganti	Apssdc BIW Summer Internship	APSSDC
2.	18A31A0311	Jagadishvara	Padayaa Intership	
3.	18A31A03C6	M Swaroop	Auto Cad	APSSDC
4.	18A31A0311	Jagadishvara	Padayaa Intership Certificate	-
5.	18A31A03C4	K.Sandeep Kumar	Autocad Mechanical	APSSDC

INDEPENDENCE DAY

- NCC & NSS Unit of Pragati Engineering College observed Independence Day 2020 with a slogan “Celebrate at Home through Online” organising a Live Webinar sessions from 10:30am to 12:00pm on 15-8-2020 “Role of Indian Defence Services for the Sovereignty and Integrity of India” for the Staff and Students in Teams app Online Platform. For the above seminar Commander P.Sugunakar(Retd.) Indian Navy and Group Captain B.S Reddy(Retd.) Indian Airforce were invited as Guest Speakers. Dr S Sambhu Prasad, Principal of the college, along with Sri M Satish, Vice President of the college invited the guest and introduced the profile of the resource persons to the staff and students.



SPECIAL DAY EVENTS

- NSS Unit of Pragati Engineering College observed Abdul Kalam Death Anniversary on 27th July conducting a Quiz Competition on “Life History of Dr Abdul Kalam, The Missile Man of India” and a small meeting on 28th October in Online Teams to pay tributes and to recall the memories of this Great Son of India. In the Quiz competition 221 students participated out of which 206 students secured more than 50% score and In meeting 78 students and 5 faculty participated and paid their tributes and shared their memories on Dr APJ Abdul Kalam.



- NSS Unit of Pragati Engineering College observed International day of Deaf 2020 with a slogan “Disability need not be an obstacle for the success” through Online google forms.





**“TRAINING
&
PLACEMENTS”**

Your success
Our commitment



TRAINING & PLACEMENTS

Training and Placement is the framework for helping students to develop their personal and organizational skills, knowledge, and abilities so as to enhance their personality as well as help them get placed in an organization which has global presence. PEC Engineering College is one of the very few colleges where the concept of Training has been implemented and proved successful.

The Placement Cell is sincerely working to empower students with various qualities and skills to achieve professional and personal excellence. The Training & Placement Cell is playing a major role in transforming the students to the expectations of the industry.

All the students are informed about the necessity of maintaining good academic scores and are motivated regularly to achieve the same. Training programs and industry related seminars are routine and the students are exposed to these kinds of programs from the very first day they step into the college.

These programs along with mock tests, both offline and online, have been made mandatory and evaluation procedures are followed which are in line with those required by the corporate world. They are being prepared to be individuals with logical and analytical skills and with excellent practical knowledge.

The Training & Placement Department at PEC strongly believes in engineering young minds to be disciplined, dedicated and determined so that in future they will confidently, capably and undoubtedly steer organizations towards growth, prosperity and excellence dynamically.

VAMSI KIRAN SOMAYAJULA
(Training & Placement Officer)

LIST OF STUDENTS PLACED IN AY-2020-21

S.No	Roll No.	Student Name	Company Name	Appointment No.
1.	16A31A0338	PADALA REVANTH	CTS	CTS/(16-20)/338
2.	16A31A0349	VALLU MUKESH KUMAR	CTS	CTS/(16-20)/349
3.	16A31A0301	MEDEPALLI VASUDHESWARI	HGS	HGS/(16-20)/301
4.	16A31A0303	RESHMA POTLURI	HGS	HGS/(16-20)/303
5.	16A31A0335	MUSINI DINESH KUMAR	HGS	HGS/(16-20)/335
6.	16A31A0353	VEGI ESWAR SAI KUMAR	HGS	HGS/(16-20)/353
7.	16A31A0360	MUTYALAPALLI SATYA PRAVALLIKA	HGS	HGS/(16-20)/360
8.	16A31A0369	CHINNAM SURYA VENKATA RAMA REDDY	HGS	HGS/ (16-20)/369
9.	16A31A03B0	TALLURI KAMESWARA RAO	HGS	HGS/ (16-20)/3B0
10.	16A31A03B7	ADABALA SAI CHARAN	HGS	HGS/ (16-20)3B7
11.	16A31A03C5	CHEKKA SASI PREETHAM	HGS	HGS/ (16-20)/3C5
12.	17A35A0338	MUTTAREDDI RAMAKRISHNA	HGS	HGS/ (16-20)/LE338
13.	17A35A0340	PAMPANA LILA VENKATA SAIKIRAN	HGS	HGS/ (16-20) LE340
14.	16A31A0344	SYED RAKEEB SHAFI	Hyper Filtration	HYPERFIL/ (16-20)/344
15.	16A31A03E9	KUDIPUDI V V SATYANARAYAN A	Hyper Filtration	HYPERFIL/ (16-20)/3E9
16.	16A31A03H2	VYSYARAJU SASHANK KUMAR RAJU	Hyper Filtration	HYPERFIL/ (16-20)/3H2
17.	16A31A03L3	PATNEEDI RAVI KUMAR	Hyper Filtration	HYPERFIL/ (16-20)/3L3
18.	17A35A0315	YADAV AKHILESH VISHNU	Hyper Filtration	HYPERFIL/ (16-20)/LE315
19.	16A31A0317	GANJA VISHNU SATYA SAI	Infosys	INFOSYS/ (16-20)/317
20.	16A31A0314	DEVU CHARAN SAI	Just Dial	JUSTDIAL/ (16-20)/314

S.No	Roll No.	Student Name	Company Name	Appointment No.
21.	16A31A0316	GANGIREDLA VARUNKUMAR	Just Dial	JUSTDIAL/ (16-20)/316
22.	16A31A0351	VANAMADI SUJITH RAJ	Just Dial	JUSTDIAL/ (16-20)/351
23.	16A31A03A2	PONNAGANTI PAVAN KUMAR	Just Dial	JUSTDIAL/ (16-20)/3A2
24.	16A31A03E5	KODURI SRI REVENTH SATYA	Just Dial	JUSTDIAL/ (16-20)/3E5
25.	16A31A03F4	MAMIDSETTY KUSHAL SAI AKHIL	Just Dial	JUSTDIAL/ (16-20)/3F4
26.	16A31A03G1	PALANKI YASWANTH	Just Dial	JUSTDIAL/ (16-20)/3G1
27.	16A31A03K7	MATTA RAMA KRISHNA VAMSI	Just Dial	JUSTDIAL/ (16-20)/3K7
28.	17A35A0312	PERURI RAVITEJA	Just Dial	JUSTDIAL/ (16-20)/LE312
29.	17A35A0336	MOHAMMED AZEEZUDDIN	Just Dial	JUSTDIAL/ (16-20)/LE336
30.	17A35A0353	KONDAYYPALE PU V V S K KESAVA SIMHA	Just Dial	JUSTDIAL/ (16-20)/LE353
31.	16A31A03K6	MANTHA SATYA VENKATA BHARADWAJ	Keyence India	KEYENCE/ (16-20)/3K6
32.	16A31A0321	JUNUTHULA SAIMOHAN	Onegene	ONEGENE/ (16-20)/3K6
33.	16A31A0329	KATTA SRI SAI PAVAN	Onegene	ONEGENE/ (16-20)/3299
34.	16A31A0330	KHADAR MOHIDDIN KHAN	Onegene	ONEGENE/ (16-20)/330
35.	16A31A0364	ASHISH KUMAR	Onegene	ONEGENE/ (16-20)/364
36.	16A31A0368	CHEKURI PHANEENDRA RAJU	Onegene	ONEGENE/ (16-20)/368
37.	16A31A0379	KONA ANIL	Onegene	ONEGENE/ (16-20)/379
38.	16A31A0382	KURRA AVINASH	Onegene	ONEGENE/ (16-20)/382
39.	16A31A03E0	JONNAGANTI V VENKATA SATYA VAMSI KRISHNA	Onegene	ONEGENE/ (16-20)/3E0
40.	16A31A03F1	LANKA RAVI TEJA	Onegene	ONEGENE/ (16-20)/3F1
41.	16A31A03F3	MACHETTI SURYANARAYAN A	Onegene	ONEGENE/ (16-20)/3F3
42.	16A31A03F7	NAGIREDDI VASUMUNI	Onegene	ONEGENE/ (16-20)/3F7

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43.	16A31A03H0	VITTANALA SATYA RAVI TEJA	Onegene	ONEGENE/ (16-20)/3H0
44.	16A31A03K4	MAGAPU SANTHOSH	Onegene	ONEGENE/ (16-20)/3K4
45.	17A35A0318	CHELLABOINA ASHOK BABU	Onegene	ONEGENE/ (16-20)/LE318
46.	17A35A0330	UNDROLU TEJESH	Onegene	ONEGENE/ (16-20)/LE330
47.	17A35A0333	DONTHAMSETTI BRINESH	Onegene	ONEGENE/ (16-20)/LE333
48.	17A35A0342	SEPENI TEJASWA DURAGA VAMSI	Onegene	ONEGENE/ (16-20)/LE342
49.	17A35A0354	PALIKA SRI HARI VINAY	Onegene	ONEGENE/ (16-20)/LE354
50.	17A35A0360	N. BHANUCHAND	Onegene	ONEGENE/ (16-20)/LE360
51.	16A31A0399	BALU Siva Sai Chandra PENDEM	TCS	TCS/ (16-20)/399
52.	16A31A03A5	MANIKYA SWAMY Naidu SANA	TCS	TCS/ (16-20)/3A5
53.	16A31A03C9	MANIKANTA GANDI	TCS	TCS/ (16-20)/3C9
54.	16A31A03I0	VENKATA SAI Ram Vikas BANDARU	TCS	TCS/ (16-20)/3I0
55.	17A35A0321	HARI SANKAR KARRI	TCS	TCS/ (16-20)/LE321
56.	17A35A0339	PADAMATA VINEETH	Teleperformance	TELEPERFORMA NCE/ (16-20)/LE339
57.	16A31A03L5	PUDI CHAITANYA VISHAL	Uncease Automation	UNC AUT/ (16-20)/3L5
58.	16A31A0378	K VEERA BABU	Woosu	WOOSU/ (16-20)/378
59.	16A31A0395	P.T. SATYASAI	Woosu	WOOSU/ (16-20)/395
60.	16A31A03M8	V. SUNIL	Woosu	WOOSU/ (16-20)3M8
61.	17A35A0337	M. DURGA PRASAD	Woosu	WOOSU/ (16-20)/LE337
62.	17A35A0344	T. SHEKAR	Woosu	WOOSU/ (16-20)/LE344
63.	16A31A03A9	SINGINEEDI NOOKARAJU	SEMBMARINE KAKINADA LIMITED	SEMBMARINE/ (16-20)/3A9
64.	16A31A0315	DHULIPUDI GOVINDARAJU	DYNAMIC CABLES LTD	DYNAMIC/ (16-20)/315
65.	16A31A0333	K ROHINI RAVI KIRAN	GREENKO	GREENKO/ (16-20)/333

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66.	16A31A0334	M SIVA KUMAR	LAURUS LABS	LAURUS LABS/ (16-20)/334
67.	16A31A0336	NALAM SUMANTH	SRI SAI OIL FIELD EQUIPMENTS&MARIN E SERVICES PVT.LTD	SRI SAI OIL FIELD / (16-20)/336
68.	16A31A0341	P VEERA VEENKATA YESWANTH SAI	NCC LIMITED	NCC/ (16-20)/341
69.	16A31A0357	YELAMANCHILI GOVIND	RUDRA TECHNO FEEDS	RUDRA/ (16-20)/357
70.	16A31A03C3	CHAVA RAGHU VAMSI	SHIVANI	SHIVANI/ (16-20)/3C3
71.	16A31A03D1	GANGULA AJAY KUMAR	AAKASH EXPLORATION	AAKASH/ (16-20)/3D1
72.	16A31A03D5	G SAI KRISHNA RAYULU	ADANI	ADANI/ (16-20)/3D5
73.	16A31A03D6	G SAI DURGA PRASAD	AUROBINDO	AUROBINDO/ (16-20)/3D6
74.	16A31A03F2	M PRASAD NAIDU	EXCEL	EXCEL/ (16-20)/3F2
75.	16A31A03F6	M SAI TEJA	FINOLEX	FINOLEX/ (16-20)/3F6
76.	16A31A03H5	ADARI DEVI PRASAD	VISAKAPATNAM AIRPORT	VSPM AP/ (16-20)/3H5
77.	16A31A03I4	C VEERENDRA	HCL TECHNOLOGIES	HCL/ (16-20)/3I4
78.	16A31A03M2	S SAI KUMAR	HYUNDAI	HYUNDAI/ (16-20)/3M2
79.	16A31A03M7	VELIGONDA HARIMURALI	L&T CONSTRUCTIONS	L&T/ (16-20)/3M7
80.	17A35A0309	G SAI KIRAN	GABRIEL	GABRIEL/ (16-20)/LE309
81.	17A35A0313	P MURALI KRISHNA	JAYA PRAKASH ASSOCIATES	JAYA PRAKASH/ (16-20)/LE313
82.	17A35A0335	L VIJAYA KUMAR	JOHNSON ELECTRICALS	JOHNSON/ (16-20)/LE335
83.	17A35A0341	PUTCHA KRISHNA	KIRLOSKAR	KIRLOSKAR/ (16-20)/LE341
84.	17A35A0351	K KALYAN SAI CHARAN	KWALITY	KWALITY/ (16-20)/LE351
85.	16A31A03H7	ATTI DURGA SAI TRINADH	MIDAS	MIDAS/ (16-20)/3H7
86.	16A31A03J3	JAMI BRAHMESWARA RAO	NAVAYUGA	NAVAYUGA/ (16-20)/3J3
87.	16A31A03C8	DUPPATLA BHAGAVAN	OLECTRA GREEN TECH	OLECTRA/ (16-20)/3C8

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88.	17A35A0320	GAMPALA NAGENDRA	SANGAVI FORGING&ENGG LTD	SANGAVI/ (16-20)/LE 320
89.	16A31A0372	GOLLA SIVA GANESH	TARAPUR	TARAPUR/ (16-20)/372
90.	16A31A0381	KUNAPARAJU SAI RAMA RAJU	VALVITALIA	VALVITALIA/ (16-20)/381
91.	16A31A0393	NUNNA SATYA VEERA PRAKASH	LUPIN LTD	LUPIN/ (16-20)/393
92.	17A35A0329	TANETI PRAJITH SUNDAR	SEMBMARINE KAKINADA LIMITED	SEMBMARINE/ (16-20)/LE 329

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ALUMNI DESK

- Department of Mechanical Engineering conducted an Alumni Meet of 2004-08 Batch on 20-06-2020 at 07.30PM through Microsoft Teams online platform. The members presented in the meeting are Chairman Dr. P Krishnarao, Director Sri M V Haranatha Babu, Vice President Sri M Satish, Principal Dr. S Sambhu Prasad, Dr. G Raghuram, Prof. Y Jayababu, Dr. T Satyanarayana, HoD-ME Dr. B S V Ramarao, Mr. G Avinash, faculty coordinators along with alumni of around 40 members.



PRAGATI ENGINEERING COLLEGE
(Autonomous)

DEPARTMENT OF MECHANICAL ENGINEERING

ONLINE ALUMNI MEET OF 2004-08 BATCH

Contact :
Dr. BSV Ramarao - Professor & HoD 📞 9849621462
Mail: hod_me@pragati.ac.in

DATE: 20-06-2020
TIME: 7:30 PM (IST)

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